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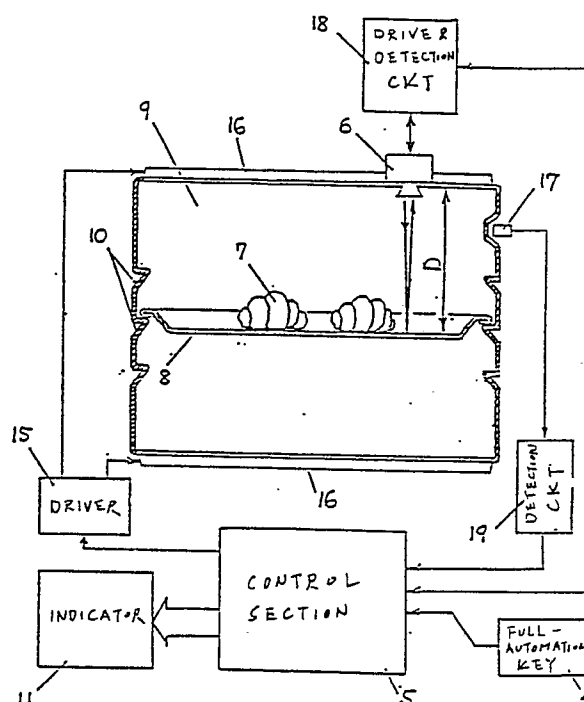
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54 Automatic heating appliance with identifying function of an object to be heated.

57 A heating appliance for heating an object within a heating chamber. In the heating chamber are formed rack rails (10) on which a table (8) is located and a heater. The rack rails are stepwise arranged so as to allow the table to take a desired position corresponding to the kind of an object to be heated. The heating appliance includes a distance-measuring sensor (6) for measuring a distance to the table means or the object. A control unit (5), may comprising a known microcomputer, controls the heater on the basis of the distance measured by the sensor so as to appropriately heat the object in accordance with its kind.

FIG. 1





EP 87 11 8683

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
E	EP-A-0 264 935 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.) * claims 1-6 * ---	1,2,4,7 -9,11, 13	H 05 B 6/68 F 24 C 7/08 F 24 C 7/02
A	DE-U-8 434 370 (BOSCH-SIEMENS HAUSGERAETE GMBH) * figure 1 * ---	1,8	
A	EP-A-0 166 997 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.) * page 5, line 1 - page 6, line 10 * ---	1,8	
P,A	PATENT ABSTRACTS OF JAPAN vol. 11, no.. 10, (M-85) (552), 10 January 1987; & JP - A - 61186725 (SHARP CORPORATION) 20.08.1986 -----	1,8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 24 C H 05 B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 30-06-1989	Examiner PIEPER C
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document  T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			